

AMENDMENTS TO THE CLAIMS

1. (Currently amended) A four wheel drive assembly for a vehicle having two pairs of wheels comprising a torque transfer assembly which receives torque and which has a first mode of operation in which said torque transfer assembly selectively increases ~~transfers a certain amount of the~~ torque to a ~~certain axle~~ slower pair of wheels upon a sensed slip condition, and which assembly further has a ~~second~~ preemptive mode of operation which occurs only after the first mode of operation has occurred.

2. (Currently amended) The four wheel drive assembly of Claim 1 wherein said preemptive mode terminates after a certain period of time has elapsed without ~~the~~ an occurrence of a sensed slip condition.

3. (Original) The four wheel drive assembly of Claim 2 wherein said certain period of time comprises about thirty seconds.

4. (Original) The four wheel drive assembly of Claim 3 wherein said preemptive mode again occurs upon a sensed occurrence of a slip condition after said certain period of time.

5. (Currently amended) The four wheel drive assembly of Claim 1 wherein said preemptive mode terminates upon ~~the~~ an attainment of a certain vehicular speed and ~~the~~ an attainment of a certain value for a predetermined attribute.


6. (Original) The four wheel drive assembly of Claim 5 wherein said certain vehicular speed comprises a speed of about twenty-five kilometers per hour.

7. (Currently amended) The four wheel drive assembly of Claim 6 wherein said predetermined attribute comprises a difference in ~~the~~ a speed of a first axle and ~~the~~ a speed of a second axle.
8. (Original) The four wheel drive assembly of Claim 7 wherein said certain value comprises about two kilometers per hour.
9. (Currently amended) A four wheel drive assembly for a vehicle having two pairs of wheels comprising a torque transfer assembly; and a controller which is coupled to said torque transfer assembly and which senses ~~the presence of a~~ the wheels being on a surface having a low coefficient of friction, and which ~~has a preemptive slip control mode of operation which is performed only~~ controller increases torque to a slower pair of wheels upon a sensed slip condition after the ~~presence~~ coefficient of friction of said surface is sensed.
10. (Currently amended) The four wheel drive assembly of Claim 9 wherein said controller senses ~~the presence of~~ the wheels being on said surface by sensing ~~the~~ an occurrence of a slip condition.
11. (Currently amended) The four wheel drive assembly of Claim 10 wherein said ~~pre-emptive~~ preemptive slip control mode of operation ceases upon ~~the~~ an occurrence of a ~~third condition~~ predetermined condition.
12. (Currently amended) The four wheel drive assembly of Claim 11 wherein said ~~third~~ predetermined condition comprises a certain vehicular speed in combination with a certain wheel speed value.

13. (Original) The four wheel drive assembly of Claim 12 wherein said certain vehicular speed comprises about twenty-five kilometers per hour.

14. (Currently amended) The four wheel drive assembly of Claim 13 wherein said certain wheel speed value comprises ~~the~~a difference between ~~the~~a speed of at least one front wheel and ~~the~~a speed of at least one rear wheel.

15. (Original) The four wheel drive assembly of Claim 14 wherein said difference comprises less than about two kilometers per hour.

 16. (Original) The four wheel drive assembly of Claim 15 wherein said preemptive mode terminates after a certain period of time.

17. (Original) The four wheel drive assembly of Claim 16 wherein said certain period of time comprises about thirty seconds.

18. (Canceled)

19. (Canceled)

20. (Canceled)

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